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JCS94 U.S. PTO

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R. Atkes
A
EXPRESS MAIL NO. EL179952502US

Examiner: A. Chambliss
Art Unit: 2814
Docket No: 52433/609

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Assistant Commissioner for Patents
Washington, D.C. 20231

JCS94 U.S. PTO
09/632910
08/04/00

FILING OF DIVISIONAL APPLICATION UNDER 37 C.F.R. §1.53(b)

Sir:

This is a filing of a divisional application under
37 C.F.R. §1.53(b) of pending prior application of:

Applicants : K. TATSUMI, et al.
Serial No. : 09/254,119
Filed : April 16, 1999
For : SEMICONDUCTOR DEVICE PROVIDED WITH LOW
MELTING POINT METAL BUMPS AND PROCESS
FOR PRODUCING SAME

1. [X] Enclosed is a copy, which does not contain new matter, of the specification, claims, abstract and drawings of prior application Serial No. 09/254,119 filed on February 25, 1999 with Transmittal Letter To The United States Designated/Elected Office (DO/EO/US) Concerning A Filing Under 35 U.S.C. §371 as an express request to begin national examination proceeding (35 U.S.C. §371(f)) for PCT/JP97/02987. Also enclosed is a copy of the inventors' Declaration which was filed on April 16, 1999 in prior application Serial No. 09/254,119 containing a copy of the inventors' signatures.
2. [] Enclosed is a petition for an extension of time under 37 C.F.R. §1.136(a).
3. [X] The names of the inventors of this divisional application are:

Kohei TATSUMI
Kenji SHIMOKAWA
Eiji HASHINO

The residences, citizenships, and addresses of the inventors appear in the enclosed copy of the inventors' Declaration.

4. [X] Cancel in this application claims 1-6 in the copy of the application filed herewith prior to calculating the filing fee.
5. [X] Enclosed herewith is a Preliminary Amendment. Please enter the Preliminary Amendment prior to calculating the filing fee.
6. [X] The filing fee is as calculated below:

CLAIMS AS FILED, LESS ANY CLAIMS CANCELED BY AMENDMENT PLUS CLAIMS ADDED BY AMENDMENT

	NUMBER FILED	NUMBER EXTRA	RATE	CALCULATION
TOTAL CLAIMS	9 - 20 =	0	x\$ 22	= \$ 0.00
INDEPENDENT CLAIMS	6 - 3 =	0	x\$ 82	= \$ 0.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+\$270	= \$ 0.00
	BASIC FEE			
	Total of above Calculations		+	\$ 760.00
			=	\$ 760.00
SMALL ENTITY. REDUCE BY ONE HALF				
	TOTAL		=	\$ 760.00

7. [X] Please charge the filing fee of \$760.00 to Deposit Account 11-0600. Please charge any deficiency of filing fee to Deposit Account 11-0600. A duplicate of this paper is enclosed.
8. [X] The Commissioner is hereby authorized to charge fees under 37 CFR 1.16 and 1.17 which may be required, or credit any overpayment, to Deposit Account No. 11-0600. A duplicate of this paper is enclosed.
9. [X] Amend the specification by inserting before the first line the sentences:

~ This application is a divisional application under 37 C.F.R. §1.53(b) of prior application Serial No. 09/254,119 filed April 16, 1999 which

2'
concl'd.

is a 35 U.S.C. 371 of PCT/JP97/02987 filed August 27, 1997. The disclosures of the specification, claims, drawings and abstract of application Serial No. 09/254,119 and PCT/JP97/02987 are incorporated herein by reference. ~

10. [X] New drawings are enclosed.
11. [X] The prior application is assigned to NIPPON STEEL CORPORATION and the assignment is recorded in the U.S. Patent and Trademark Office at Reel 9907 Frames 0168-0169.
12. [X] The power of attorney in the prior application is to Edward W. Greason, Reg. No. 18,918. The power appears in the original inventors' declaration.
13. [X] Continue to address all future communications to:

KENYON & KENYON
One Broadway
New York, New York 10004
Tel.: (212) 425-7200

14. [X] The claim of convention priority under 35 U.S.C. §119 is made from the following Japanese Patent Applications:

8-244269 filed August 27, 1996.

A certified copy of this priority application has been filed in Serial No. 09/254,119.

Parent application Serial No. 09/254,119 is a 35 U.S.C. §371 of PCT/JP97/02987 filed August 27, 1997.

15. [X] An Information Disclosure Statement is enclosed.

Respectfully submitted,

KENYON & KENYON

By:

John J. Kelly, Jr.
John J. Kelly, Jr.
Reg. No. 29,182

Date: August 4, 2000

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EXPRESS MAIL CERTIFICATE

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DATE OF DEPOSIT

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TYPE OF DOCUMENT

US Pat. Appln. re Tatsumi et al.

SERIAL NO.

to be assigned

FILING DATE

herewith

I HEREBY CERTIFY THAT THIS PAPER OR FEE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE "EXPRESS MAIL POST OFFICE TO ADDRESSEE" SERVICE UNDER 37 CFR 1.10 ON THE DATE INDICATED ABOVE, BY BEING HANDED TO A POSTAL CLERK OR BY BEING PLACED IN THE EXPRESS MAIL BOX BEFORE THE POSTED DATE OF THE LAST PICK UP, AND IS ADDRESSED TO THE ASSISTANT COMMISSIONER FOR PATENTS, WASHINGTON, D.C. 20231.

BORIS POLANCO

(TYPED OR PRINTED NAME OF PERSON MAILING PAPER OR FEE)



(SIGNATURE OF PERSON MAILING PAPER OR FEE)

Semiconductor Device Provided
with Low Melting Point metal
Bumps & Process for Producing
Same